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Donna R. Searcy Secretary Federal Communications Commission Washington, D.C. 20554

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Federal Communications Commission

FM Branch, Audio Services Division, Mass Media Bureau

RH:

8920-LR: Application of Logos Broadcasting

Corporation for a NCE-FM Station on Channel 207B,

San Luis Obispo, California (BPED-910219MJ)

Dear Ms. Searcy:

October 28, 1991

Transmitted herewith in triplicate on behalf of Logos Broadcasting Corporation is an amendment to the above-referenced pending application.

The proferred amendment describes the steps Logos would take to limit RF radiation exposure, and is filed in compliance with the directives contained in the Commission's August 28, 1991 letter.

Should any questions arise concerning this matter, kindly contact the undersigned.

Respectfully submitted,

MAY & DUNNE, CHARTERED

Attorney for Logos

Broadcasting Corporation

JED: jrfAl7

xc: Logos Public File

Dan Lemburg

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Federal Communications Commission Office of the Secretary

October 25, 1991

Donna A. Searcy Federal Communications Commission Washington, D.C. 20554

RE: Application of Logos Broadcasting Corporation for Channel 207B, San Luis Obispo, California (BPED-910219MJ)

Dear Ms. Searcy

Please accept the attached engineering statement as an amendment to the above-referenced pending application.

Sincerely,

Dan Lemburg, President Logos Broadcasting Corporation

R.L. KENNEDY & ASSOCIATES

Communications Engineering Consultants

ENGINEERING STATEMENT IN SUPPORT OF AN

AMENDMENT TO AN APPLICATION TO CONSTRUCT A

NONCOMMERCIAL EDUCATIONAL FM BROADCAST STATION

FILE #BPED-910219MJ

CHANNEL 207B, 89.3 MHZ

SAN LUIS OBISPO, CA

bу

LOGOS BROADCASTING CORPORATION

24 October 1991

Logos Broadcasting Corp Page 1

Communications Engineering Consultants

ENGINEERING STATEMENT

Logos Broadcasting Corporation (Logos) has an application pending before the Federal Communications Commission for permission to construct a Non-commercial educational FM broadcast facility (File #BPED-910219MJ). The instant amendment to that application is in response to a letter dated August 28, 1991 (reference 8920-LR) from the Commission staff stating, in part, that the applicant "should explain what steps will be taken to limit RF exposure to persons authorized to climb the tower."

The applicant has previously stated that following construction of the proposed facility, it will take measurements in the area immediately surrounding the site to verify compliance with the guidelines set forth in OST Bulletin Number 65 dated October 1985 and to determine the actual increase in power density resulting from implementation of the proposal. Furthermore, appropriate policies and procedures will be established in concert with licensees of the other authorized facilities to assure that workers whose duties require them to be in the area will not be exposed to fields exceeding the guidelines.

Development of specific steps to assure continued compliance with the guidelines will depend upon close cooperation and participation by all licensees at the site. The applicant offers the following as its initial suggestions in the joint development of a plan to limit exposure to workers authorized to enter into high-density areas:

- 1. A thorough training and indoctrination program will be instituted for all workers and contractors who enter upon the site which will be effectively restricted to all others. All licensees of facilities will share equal responsibility for development of the program which must be reviewed and updated as often as necessary but at least annually.
- 2. Measured power density levels will be recorded on charts of the property and of the vertical tower structure. The charts will indicate levels and the call signs of the major contributing facilities. At physical locations where levels approach the maximum permitted by the guidelines appropriate weather resistant signage will be installed indicating those levels and the call signs of the major contributing facilities.
- 3. All workers on or in the immediate vicinity of the tower must maintain regular two-way communication with an operator capable and knowledgeable to carry out prescribed RF field

Communications Engineering Consultants

reduction procedures. Only after all workers have left the tower area will two-way communications cease.

4. Workers will have a predetermined length of time based upon the measured and recorded power density level for a specific area to pass through that area if his task does not require him to remain. Otherwise he will initiate a prearranged verifiable procedure to cause a reduction in the radiated energy below the guideline limit for the duration of his stay.

It is expected that the above recommended procedures will be modified and expanded as representatives of the several licensees express the individual ideas, requirements and concerns of their management.

Certification

The undersigned hereby certifies that this Engineering Statement was prepared by him or under his immediate direction. Under penalty of perjury he declares that all statements of fact contained herein which are based on his personal knowledge are true and that other statements not known of personal knowledge are believed to be true.

Richard L. Kennedy

24 October 1991